

Dam Safety Surveillance and Monitoring Workshop

Agenda

August 12-13, 2015

Target Audience:
Dam Safety and Instrumentation Engineers for
Licensees and Consultants

Speakers will include FERC staff and Owners. FERC
staff: John Zygaj, Justin Nettle, and David Lord.
Additional speakers will be determined.

2015 is the ten year anniversary of the establishment
of the Dam Safety Performance Monitoring
Plan/Report as published in Chapter 14 of the
Engineering Guidelines. In the ten year history of the
program, many lessons have been learned on the
importance of a robust, targeted surveillance and
monitoring program, based on a dam's unique
potential failure modes. This workshop will focus on
the why and what of FERC's DSSPMP/DSSMR
guidelines, including recent changes, best practice
procedures and presentation methods for DSSMR's,
the importance of defining threshold and action levels
based on a dam's expected performance, and case
histories documenting the good and bad of the last ten
year's of surveillance. Two sessions will allow the
audience to participate in developing and evaluating a
dam safety monitoring program. A session is reserved
for open discussion on the DSSMP/DSSMR
guidelines, and if further enhancements are needed.



Wednesday, August 12, 2015

- 0800 Welcome & Introductions of Audience Members
- 0820 Objectives of This Workshop
- 0840 Why Surveillance and Monitoring? To Prevent a Dam Failure
- 0900 Elements and Design of Surveillance and Monitoring Program – Use of Visual and Instrumental Surveillance
- 1000 BREAK (15 min.)
- 1015 Overview of FERC SMP Guidelines, Chapters 9 and 14, Appendices J and K
- 1100 Recent Changes to DSSMP and DSSMR
- 1125 Questions
- 1145 Lunch (1 hr 30 min)
- 1315 FERC Expectations in Owner Review of DSSMP/DSSMRs
- 1345 Threshold and Action Levels – Definitions and Meanings
- 1430 BREAK (15 min.)
- 1445 Exercise – Develop and Select SMP and Threshold and Action Levels
- 1600 Best Practices in Surveillance and Monitoring Programs
- 16:30 CEATI-DSIG
- 1645 Questions and Wrap up

Thursday, August 13, 2015

- 0800 Questions from Day One
- 0810 Examples of What Can and Does Go Wrong
- 0900 Wanapum Case Study – Mixed Success
- 1000 BREAK (15 min)
- 1000 Exercise – DSSMR Review\Critique
- 1115 Yelm Case Study – Successful Monitoring
- 1200 Lunch (1 hr 30 min)
- 1330 Case Studies – Licensee\Consultant Presentations
- 1430 Visual Display of Quantitative Information
- 1530 BREAK (15 min)
- 1545 Enhancements to Guidelines – Participation by Licensees and Consultants
- 1645 Questions and Wrap up

VENUE

911 Building Auditorium
(Old Bonneville Power Building)
911 NE 11th Avenue
Portland, Oregon 97232

REGISTRATION INFORMATION

Registration is free.

To register, please go to the event date on the FERC
Calendar at:

<http://www.ferc.gov/EventCalendar/>

REGISTRATION INFORMATION (CONT)

Contact:

Natalie Leech
FAX: 202-219-2731
Phone: 202-502-6396
Email: Natalie.Leech@ferc.gov

LODGING INFORMATION

Doubletree by Hilton – 0.1 mi
1000 NE Multnomah Street, Portland, OR
(503) 281-6111 – <http://www.doubletreeportland.com/>

Residence Inn Portland Downtown – 0.3 mi
1710 NE Multnomah Street, Portland, OR
(503) 288-1400 –
<http://www.marriott.com/hotels/travel/pdxlc-residence-inn-portland-downtown-lloyd-center/>

TRAVEL INFORMATION

From the Portland International Airport:

Board the TriMet light rail Red Line toward
Beaverton at PDX. Exit train at the Lloyd
Center/11th Ave Station. Venue will be ½ block
south on 11th Ave on the west side of the street.

PRESENTATIONS

Presentations will be made available to
attendees after the workshop.